

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IT2004/000548

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01S15/89 G01S7/52

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X

MASOTTI L ET AL INSTITUTE OF ELECTRICAL
AND ELECTRONICS ENGINEERS: "Tissue
differentiation based on radiofrequency
echographic signal local spectral content
(rules: radiofrequency ultrasonic local
estimator)"
2003 IEEE ULTRASONICS SYMPOSIUM
PROCEEDINGS. HONOLULU, HAWAII, OCT. 5,
vol. VOL. 1 OF 2,
5 October 2003 (2003-10-05), pages
1030-1033, XP010701170
ISBN: 0-7803-7922-5
the whole document

1-26

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

16 December 2004

Date of mailing of the international search report

23/12/2004

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Int onal Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SUZUKI K ET AL: "CEPSTRAL ANALYSIS OF ULTRASOUND IN CHRONIC LIVER DISEASE - A PRELIMINARY STUDY IN THE NON-INVASIVE EVALUATION OF STRUCTURAL CHANGE" FRONTIERS OF MEDICAL AND BIOLOGICAL ENGINEERING, VSP. ZEIST, NL, vol. 3, no. 4, 1991, pages 269-281, XP009038192 ISSN: 0921-3775 abstract; figures 1-6 page 270, paragraph 2.2 - page 274, paragraph 2.6	1,2,11
A	US 2003/167003 A1 (BIAGI ELENA ET AL) 4 September 2003 (2003-09-04) abstract; figures 1-9,12,16 paragraphs '0002! - '0021! paragraphs '0026! - '0057! paragraphs '0087! - '0107! paragraphs '0129! - '0143!	1-26
A	MASOTTI L ET AL: "FEMMINA: a fast echographic multiparametric multi-imaging novel apparatus" ULTRASONICS SYMPOSIUM, 1999. PROCEEDINGS. 1999 IEEE CAESARS TAHOE, NV, USA 17-20 OCT. 1999, PISCATAWAY, NJ, USA,IEEE, US, 17 October 1999 (1999-10-17), pages 739-748, XP010502425 ISBN: 0-7803-5722-1 the whole document	1,17
A	CINCOTTI G ET AL: "FREQUENCY DECOMPOSITION AND COMPOUNDING OF ULTRASOUND MEDICAL IMAGES WITH WAVELET PACKETS" IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE INC. NEW YORK, US, vol. 20, no. 8, August 2001 (2001-08), pages 764-771, XP001093355 ISSN: 0278-0062 the whole document	1,17
A	US 6 066 098 A (CEROFOLINI MARINO ET AL) 23 May 2000 (2000-05-23) cited in the application the whole document	1,17

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/IT2004/000548

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2003167003	A1	04-09-2003	IT EP	FI20020034 A1 1341003 A2	27-08-2003 03-09-2003
US 6066098	A	23-05-2000	IT	FI970141 A1	14-12-1998